



Society of Toxicology Annual Meeting

NTP Presentations

March 5-9, 2006



Time	Room	Presenter	Title	Abstract ID
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MARCH 5 * (Afternoon 1:15-5:00)

1:15-5:00	Continuing Education			
	TBD	John Pritchard	<i>Xenobiotic Transporters</i> : Importance of Renal Transporters in Chemical Disposition and Toxicity	10

MARCH 6

Morning 9:30am - 12:30pm	Poster Session			
	Exhibit Hall	Edward Lebetkin	<i>Persistent Organic Pollutants</i> : Disposition of a Mixture of Polybrominated Diphenyl Ethers (PBDES) in Male F344 Rats	100
		C. G. Woods	<i>Carcinogenesis (Liver)</i> : Variation in Biological Responses to Peroxisome Proliferators Between Mouse Strains	194
		K. L. White, Jr.	Enhanced Cytotoxic T Cell Activity Following Exposure to Commercial <i>Echinacea purpurea</i>	268
	Symposium/Platform Presentation			
	Rm. 15A	Windy Boyd	Toxicological Screening Tools Using the Nematode <i>Caenorhabditis elegans</i>	40
Afternoon 1:30 - 4:30pm	Poster Session			
	Exhibit Hall	Wendy Jefferson	Fertilization Rate and Oocyte Quality is Aversely Affected Following Neonatal Exposure to the Phytoestrogen Genistein	400
		Erik J. Tokar	Interactions of Arsenic with Human Prostate Progenitor Cells	429
		Jean-Francois Coppin	Altered S-Adenosylmethionine Metabolism and Glutathione Production in the Early Stages of Chronic Arsenic Exposure in Human Prostate Epithelial Cells: Implications in Arsenic Adaptation	430
		Leslie Recio	Dose-Response Comparison of Micronucleated Reticulocyte Frequencies in Rodent Peripheral Blood with Four Genotoxic Agents by Flow Cytometry and Slide-based Enumeration	546
	Symposium/Platform Presentation			
	Rm. 2	David E. Malarkey	<i>Symposium: Mode of Action Associated with Induction of Endothelial Cell Tumors-Hemangiosarcoma</i> : Comparative Pathology of Hemangiosarcoma	329
4:30-6:30	Special Session			
	Rm. 1A	J. Oberdoester W. Stokes	<i>Using Animals for Toxicological Research and Testing</i> : Best Practices for Assuring Compliance with Animal Welfare Regulations, Policies, and Guidelines	

MARCH 7

Morning 9:30am - 12:30pm	Poster Session			
	Exhibit Hall	David Allen	<i>Risk Assessment Methods – Regulatory/Policy</i> : Reference Substances for the Validation of the <i>In Vitro</i> Ocular Toxicity Test Methods for the Evaluation of Ocular Corrosives and Severe Irritants	906
		N. Choksi	<i>Risk Assessment Methods – Regulatory/Policy</i> : Estimated Likelihood for Under- and Over-Classification for a Sequential Draize Rabbit Eye Test	907
		W. Stokes	<i>Risk Assessment Methods – Regulatory/Policy</i> : Comparative Performance of Four <i>In Vitro</i> Test Methods for the Classification of Ocular Corrosives and Severe Irritants	908
		R. R. Tice	<i>Risk Assessment Methods/Regulatory Policy</i> : Evaluation of the Relationship Between <i>In Vivo</i> Rabbit Eye Test Scores and Their Reversibility	909
		John E. French	<i>Carcinogenesis Mechanisms</i> : Genetic Susceptibility of the Tfp53 Haploinsufficient Mouse to Radiation Induced Lymphoma	970
		A. N. Heinloth	<i>Gene Regulation (Liver, Pharmaceuticals)</i> : Whole Blood Carries Gene Expression Signatures Indicative of APAP-induced Toxicity	1000
		Dan Morgan	Respiratory Tract Toxicity of Diacetyl in C57Bl/6 Mice	1029

Afternoon 1:30 - 4:30pm	Poster Session			
	Exhibit Hall	Becky Muir	Multigenerational Reproductive Assessment of AZT/3TC Administered to CD1® Mice by Gavage	1245
		Elena Craft	<i>Gene Regulation II: Metal Induced Activation of Metallothionein Gene Expression</i>	1375
		Seongwon Hong,	Initial Skin Penetration Study for Determining bis-(2-chloroethoxy)methane (CEM) Toxicokinetics After A Single Dermal Application in Rodents	1233
		Battelle Columbus (Dr. Diane Gerken)	Subchronic Toxicity of β -myrcene administered by gavage to Fisher 344 Rats and B6C3F ₁ Mice	1422
		Kennita Johnson	<i>Neurotoxicity - Developmental: Application of Magnetic Resonance Imaging in Developmental Neurotoxicity Testing: A Pilot Study</i>	1426
	Symposium/Platform Presentation			
	Rm. 7A	Jonathan Freedman	Changes in Gene Expression Associated with Exposure to Environmental Toxicants	1178
	Rm. 7A	Min Ok Song	Transcription Changes in HepG2 Cells Exposed to Copper: Pathway Mapping and Interaction Identification	1181
	Special Session			
	Rm. 6B	Gary A. Boorman	<i>Genomics in Risk Assessment: Utility for the Characterization of Mode of Action</i>	

MARCH 8

Morning 9:30am - 12:30pm	Poster Session			
	Exhibit Hall	J. Strickland	<i>Alternatives to Mammalian Models: Reducing Animal Use in Acute Systemic Toxicity Testing By Using In Vitro Cytotoxicity Assays for Estimating Starting Doses</i>	1968
		Jeffrey Charles	<i>Alternative to Mammalian Models: The Use of Mouse Fibroblast (3T3) and Normal Human Epidermal Keratinocytes (NHK) Cytotoxicity Assays for Estimating Acute Oral Toxicity of Formulations and Mixtures</i>	1969
		Michael Paris	<i>Alternatives to Mammalian Models: Reproducibility Analyses for In Vitro Neutral Red Uptake Methods from a Validation Study to Evaluate In Vitro Cytotoxicity Assays for Estimating Rodent Acute Systemic Toxicity</i>	1970
	Symposium/Platform Presentation			
	Rm. 1B	Nigel Walker	<i>Dioxins, PCBs and PDBEs: Alteration in Carcinogenic Potency of PCB126 by PCB153 Following Chronic Exposure in Female Rats</i>	1537
	Rm. 1B	Michael Wyde	Relative Carcinogenic Potency of PCB 126 and PeCDF in Dermally Exposed Female Tg.AC Mice	1538
Afternoon 1:30 - 4:30pm	Special Session – 12:00 Noon – 1:30 PM			
	Rm. 6D	Christopher Portier	<i>Meet the Directors Session: A Conversation with the Directors</i>	
	Poster Session			
	Exhibit Hall	Rachel Patterson	Gene Expression Alterations in Immune System Pathways Following Exposure to Immunosuppressive Chemicals	1750
		Yuxia Cui	Microarray Analysis of Cadmium Responsive Transcription in <i>Caenorhabditis elegans</i>	2036
		Lamia Benbrahim-Tallaa	Selective Over-Expression of DNMT3B is Sufficient for Global and Gene Specific DNA Hypermethylation during Cadmium-induced Malignant Transformation	2037
		Paul Foster	Determination of the Di(2-Ethylhexyl) Phthalate (DEHP) NOAEL for Reproductive Development in the Rat: Importance of Retention of Extra F ₁ Animals	2101
		Greg Tavlos	Is There a Threshold Level for Alterations in Thyroid Hormone Concentrations in the Production of Thyroid Tumors in F344/N Rats?	1671
		June Dunnick	<i>Cardiovascular System - Cardiotoxicity: Ultrasonic Analysis, A Tool for Early Detection of Cardiotoxic Lesions: Preliminary Findings</i>	2174
	Symposium/Platform Presentation			
	Rm. 7B	J.M. “Mike” Sanders	<i>Biotransformation/Cytochrome P450 (Persistent Organic Chemicals): Studies of the Mechanisms of Toxicity of Polybrominated Diphenyl Ethers (PBDEs)</i>	1878
	Rm. 15A	Julia M. Gohlke	Elucidation of a Gene Regulatory Network for Forebrain Development Using Bioinformatics Approaches for the Analysis of Compiled Microarray Datasets	1890
	Rm. 5A	Jerry Heindel, Retha Newbold (Chairs)	<i>Role of Epigenetics in the Fetal Basis of Adult Disease</i>	

MARCH 9

Morning 8:30 - 12:00am	Poster Session			
	6ABCF	W. Auttachoat	<i>cis-Bixin is Responsible for the Positive Contact Sensitization Induced by Annatto in Female BALB/c Mice</i>	2266
	Symposium/Platform Presentation			
	Rm. 7B	Retha Newbold	Exposure to Environmental Estrogens During Development is Associated with Obesity Later in Life	2235